

Title (en)
A CANNULA SECURING ASSEMBLY FOR A MINIMALLY INVASIVE SURGICAL SYSTEM

Title (de)
KANÜLENSICHERUNGSANORDNUNG FÜR EIN MINIMALINVASIVES CHIRURGISCHES SYSTEM

Title (fr)
ENSEMBLE DE FIXATION DE CANULE POUR SYSTÈME CHIRURGICAL À INVASION MINIMALE

Publication
EP 3578127 B1 20240214 (EN)

Application
EP 18020391 A 20180816

Priority
IN 201811020960 A 20180605

Abstract (en)
[origin: EP3578127A1] A cannula securing assembly comprises a housing that includes an aperture to receive a portion of the cannula and a locking plate including an aperture that engages when in operation with a portion of the cannula received in aperture of the housing. The locking plate further includes a releasing mechanism at one end of the locking plate, wherein the releasing mechanism is exposed when in operation on an exterior surface of the housing. The cannula securing assembly further comprises a compression mechanism that is affixed to a slot on an interior surface of the housing and engages when in operation with the locking plate, wherein the compression mechanism biases when in operation the locking plate to facilitate engaging of the cannula with the cannula securing assembly and the releasing mechanism disconnects when in operation biasing of the locking plate to facilitate disengaging of the cannula with the cannula securing assembly.

IPC 8 full level
A61B 34/30 (2016.01); **A61B 90/57** (2016.01)

CPC (source: CN EP KR US)
A61B 17/00234 (2013.01 - KR); **A61B 17/34** (2013.01 - CN); **A61B 17/3403** (2013.01 - KR); **A61B 17/3421** (2013.01 - KR US); **A61B 34/25** (2013.01 - US); **A61B 34/30** (2016.02 - CN EP KR US); **A61B 34/70** (2016.02 - KR US); **A61B 46/10** (2016.02 - EP); **A61B 90/37** (2016.02 - US); **A61B 90/50** (2016.02 - KR); **A61B 90/57** (2016.02 - EP); **A61B 17/00234** (2013.01 - US); **A61B 50/13** (2016.02 - EP); **A61B 90/50** (2016.02 - US); **A61B 2017/0046** (2013.01 - US); **A61B 2017/00477** (2013.01 - EP KR); **A61B 2017/3405** (2013.01 - KR); **A61B 2017/3445** (2013.01 - CN); **A61B 2017/347** (2013.01 - CN KR); **A61B 2034/301** (2016.02 - EP KR US); **A61B 2034/305** (2016.02 - CN US); **A61B 2034/741** (2016.02 - US); **A61B 2034/742** (2016.02 - US); **A61B 2034/743** (2016.02 - US); **A61B 2560/045** (2013.01 - KR); **A61B 2560/0456** (2013.01 - KR); **A61B 2560/0462** (2013.01 - KR)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3578127 A1 20191211; **EP 3578127 B1 20240214**; **EP 3578127 C0 20240214**; CN 110559078 A 20191213; CN 110559078 B 20210330; JP 2019209116 A 20191212; JP 6622892 B2 20191218; KR 102262917 B1 20210609; KR 20190138732 A 20191216; US 2019365484 A1 20191205

DOCDB simple family (application)
EP 18020391 A 20180816; CN 201810902129 A 20180809; JP 2018239979 A 20181221; KR 20180170725 A 20181227; US 201816128010 A 20180911